**Operational feasibility**

**Easy accessibility and use:**

* The overall structure of the system interface was design with the aim of saving the time and efforts of the users. i.e overall system that has an easy access is kept in mind.
* The system and technology that is used is totally effective and flexible, thus overall functioning becomes easy.
* Each user has been specified with respect to their domains and exchanges or access to database is specified.
* As this application is wed based the technology we are using (PHP) creates less overhead (light weight). Hence accessing the application as whole in form of web pages becomes easy.
* The development package that has been used is XAMPP is a collaboration of all the major components, packages, software’s that are needed. As this package is platform independentonce define will work on all the platforms.

**Resourceful:**

* Once the user has been registered to the system, the specified resources will be made available to them.
* The database details and data have been collaborated in a way that all the users can access them easily.
* The accessibility of the resources according to specified role is granted. But any problem or error in role specification can lead to total starvation to that particular resource.
* The packages and their requirements with synchronization are provided in XAMPP hence access and processing of the resources becomes easy.

**Privacy:**

* Our system has certain type of privacy i.e only authorized user can access that information.
* There will always be a user id or PID and password which will need to be entered every time the user opens the application.
* So in this we provided privacy in authentication manner .i.e the domain of a particular user is only accessible to him thus providing the privacy.

**Security:**

* Security is provided by authenticating the users. And this is done by using id and password.
* **Validation** is done as for the user that has been specified certain role according to which privileges are provided.
* **Verification** is done by admin on the data that is to be processed.
* PHP is server side script works in sandbox type architecture so database has constraints and designation validation therefore it is secure.

**Data updating:**

* Database used in collaboration is MySQL, which has the feature of flexibility.
* The connection between the two technologies is well established and specified by the package that we are using i.e. XAMPP.
* Once database has been established and constraints have been specified, data can be added, removed and updated.
* This functions are possible in the form of auto updation i.e. the data that has been verified will be updated and the data that is not processed or not validated will be not reflected in database.

**Possible Alternative:**

|  |  |
| --- | --- |
| PHP | HTML |
| It is server side scripting language. | Is a mark up language. |
| PHP is case sensitive that is why it has more security than HTML. | HTML is not case sensitive. |
| The actual Scripting is done in PHP. | HTML is used for designing the form. |
| Conclusion: PHP is better than HTML for dynamic designing. | |